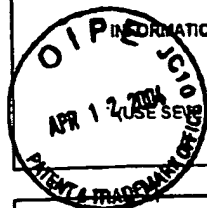


FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
M/CRON.248DV1APPLICATION NO.  
10719,419INFORMATION DISCLOSURE STATEMENT  
BY APPLICANTAPPLICANT  
Tuttle, et al.FILING DATE  
November 21, 2003GROUP  
Unknown

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
km	5,258,972	11/2/93	Brasfield, et al.			///
	5,391,892	2/21/95	Devereaux, et al.			///
	6,155,675	12/5/00	Nice, et al.			///
	6,284,107	9/4/01	Zhu, et al.			///
km	6,444,257	9/3/02	Kutt, et al.			///

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

## OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

EXAMINER INITIAL	

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EXAMINER <i>David Kwang</i>	DATE CONSIDERED <i>6/2004</i>
*EXAMINER: INITIAL IF CITATION CONSIDERED. WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

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SHEET 1 OF 1

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. MICRON 2484 248 DV1	APPLICATION NO. 18/050,338 Unknown
INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Tuttle et al.	
		FILING DATE January 16, 2002 <i>herewith</i>	GROUP Unknown

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)	
<i>h</i>	4,853,002	8/28/90	Nelson et al.				
	5,387,531	2/7/95	Mizoguchi et al.				
	5,561,265	10/1/96	Livshits et al.				
	5,840,047	6/17/97	Nakashima				
	5,902,690	5/11/98	Tracy et al.				
	5,939,772	8/17/99	Hurst et al.				
<i>h</i>	6,027,948	2/22/00	Jensen et al.				

FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
<i>h</i>	"Easy BGA Packaging for Intel® Flash Memory Devices: Product Overview," Intel.com, (2001), pp. 1-3.
	"Overview Of Intel Packaging Technology," 1998 Packaging Databook, Ch. 1., pp.1-2.
	"Preliminary Mechanical and Shipping Media Information for Easy BGA Packages," Easy BGA Mechanical Specification, (May 2000), pp. 1-6.
	"The Chip Scale Package (CSP)," 2000 Packaging Databook, Ch. 15, pp. 1-12.
<i>h</i>	Mahajan et al., "The Evolution of Microprocessor Packaging," Intel Technology Journal Q3, (2000), pp. 1-10.

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EXAMINER <i>James Hong</i>	DATE CONSIDERED <i>6/2004</i>
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FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
MICRON.248DV1APPLICATION NO.  
10/719,419INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT  
Tuttle, et al.FILING DATE  
November 21, 2003GROUP  
Unknown

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
M	3,623,032	11/23/71	Schapira			
	4,323,405	4/6/82	Uno, et al.			
	4,423,548	1/3/84	Hulseweh			
	4,839,716	6/13/89	Butt			
	5,559,308	9/24/96	Mahulikar			
	5,668,406	9/16/97	Egawa			
	5,977,628	11/2/99	Wang, et al.			
	5,998,867	12/7/99	Jensen, et al.			
	6,365,960	4/2/02	Pollock, et al.			June 19, 2000
	6,452,253	9/17/02	Tuttle			Aug. 31, 2000
	6,455,864	9/24/02	Featherby, et al.			Nov. 30, 2000
	6,507,101	1/14/03	Morris			March 26, 1999
	6,515,352	2/4/03	Spielberger, et al.			Sept. 25, 2000
	6,531,759	3/11/03	Wachnik, et al.			Feb. 6, 2001
	6,559,521	5/6/03	Tuttle			
	6,566,596	5/20/03	Askew			Dec. 29, 1997
	6,583,987	6/24/03	Skinner, et al.			April 16, 2002
	6,603,193	8/5/03	Crane, Jr., et al.			Sept. 6, 2001
	6,614,102	9/2/03	Hoffman, et al.			May 4, 2001
	6,635,819	10/21/03	Awakura, et al.			April 4, 2001
	6,650,003	11/18/03	Benedetto			Nov. 17, 2000
	6,664,613	12/16/03	Tuttle			

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EXAMINER	<i>Quo Hung</i>	DATE CONSIDERED	<i>6/2004</i>
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SHEET 1 OF 1

FORM PTO-1419 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (USE SEVERAL SHEETS IF NECESSARY)	ATTY. DOCKET NO. MICRON 248A- 248DV1	APPLICATION NO. 18/050,339 Unknown
	APPLICANT Tuttle, et al.	
	FILING DATE January 16, 2002 Herewith	GROUP 2818 Unknown

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
my	1	5,406,117	04/11/95	Dlugokecki, et al.	—	—	—
	2	5,835,754	08/03/97	Strobel, et al.	—	—	—
	3	5,650,659	07/22/97	Mostafazadeh, et al.	—	—	—
	4	5,763,824	08/09/98	King, et al.	—	—	—
	5	5,736,070	04/07/98	Murakami, et al.	—	—	—
	6	5,825,042	10/20/98	Strobel, et al.	—	—	—
	7	5,831,331	11/03/98	Lee	—	—	—
	8	5,889,316	03/30/99	Strobel, et al.	—	—	—
	9	6,097,080	08/01/00	Nakanishi, et al.	—	—	—
	10	6,174,737 B1	01/16/01	Durlam, et al.	—	—	—
	11	6,429,044 B1	08/06/02	Tuttle	—	—	—
my	12	6,151,352 B1	02/04/03	Spielberger, et al.	—	—	—

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES NO

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
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EXAMINER	Gene Hoang	DATE CONSIDERED	5/2004
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Multiple sheets used when necessary)	Application No.	10/719,419
	Filing Date	November 21, 2003
	First Named Inventor	Tuttle, et al.
	Art Unit	2818
	Examiner	Quoc Dinh Hoang
SHEET 1 OF 1		Attorney Docket No. MICRON.248DV1

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
my		6,211,090 B1	04-03-2001	Durlam	

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T <sup>1</sup>

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>1</sup>

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Examiner Signature <i>Quoc Hoang</i>	Date Considered <i>3/2005</i>
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

T<sup>1</sup> - Place a check mark in this area when an English language Translation is attached.

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